Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 28 Sep 2023 until 23:59 on Friday 29 Sep 2023

Forecast Issued on Thursday 28 Sep 2023 at 04:45

Confidence: High confidence for some rain and strong winds at times, but with some calmer, drier interludes. Moderate confidence for Thursday with the potential for heavy rain in the evening.

Headline for Thursday 28 Sep 2023: A mainly dry, bright day with strongest winds easing. A risk of persistent rain later.

Mountain weather hazards on Thursday 28 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Heavy Rain	Heavy Rain
Precipitation probability					
30%	<05%	10%	10%	20%	70%

Forecast for Thursday 28 Sep 2023

Weather: Gale force winds continuing through early hours, though slowly easing. Mostly cloudy conditions expected along with some occasional drizzle, mainly on western slopes. Mainly dry and bright in the daytime, with winds easing a little through the middle of the day, but still remaining fairly strong. Turning cloudier during the late afternoon and evening, with a risk for a more persistent and widespread period of rain to develop in the evening. This could be heavy and accompanied by strengthening winds on summits.

Chance of cloud-free hill tops above 600m: 80%, but falling to 60% during the evening.

Low Cloud and visibility: Cloud generally above summits through the morning, but a few patches of cloud possible on the highest summits at first. A chance for more widespread low cloud to develop during the evening with extensive bases 400-500m and patches below this. Visibility generally very good, but becoming moderate or poor if persistent rain develops.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Thursday 28 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/40 W	20/27 SW	21/28 SW	22/30 SW	19/28 S	19/28 S	15/21 SW
300	21/43 W	12/25 SW	13/27 SW	14/28 S	12/26 S	11/25 S	8/18 SW
Valley	13/31 SW	11/24 SW	12/25 SW	12/26 S	9/23 S	9/21 S	7/17 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/5	9/6	10/7	10/7	10/6	10/6	10/7
300	12/8	12/10	13/11	13/11	12/10	12/9	12/10
Valley	13/11	14/12	14/12	14/12	13/12	13/11	13/12
Freezing Level*	1900m	1700m	1900m	1900m	2100m	2300m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds on summits may exceed those indicated in the tables above, perhaps approaching gusts of 35-40mph through the day. Walking conditions are expected to be tricky given strong winds, particularly early in the day. A risk of heavy, persistent rain into the evening would bring poor visibility and disorientating conditions as cloud thickens.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 28 Sep 2023	10mm	10.4mm	10.4mm

Forecast for Friday 29 Sep 2023

Weather: Rain clearing overnight with winds easing a little, though probably still mostly cloudy around dawn. Early cloud soon clearing to leave a generally dry and bright but breezy day. Just a small chance of the odd, blustery afternoon shower developing inland. Fine through the evening.

Maximum wind: Westerly 20-25mph, gusting 35mph.

Chance of cloud-free hill tops above 600m: 80%.

Low Cloud and visibility: A few patches of cloud may cover high western hills through the early morning, otherwise fine. Visibility will be good or very good.

Temperature: **Valleys:** Plus 11 increasing Plus 16 degrees Celsius.
At 600m: Plus 10 degrees Celsius.
Freezing level: Above summits.

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